NOAA NATIONAL OCEAN SERVICE	FY 2006
Operations, Research, and Facitilites	Conference
(\$ in Thousands)	Agreement
Navigation Services	
Mapping & Charting	
Mapping & Charting Base	38,885
Joint Hydrographic Center	7,500
Electronic Navigational Charts	4,300
Shoreline Mapping	2,448
Dune System Assessment and Shoreline Change Analysis	500
Address Survey Backlog/Contracts	21,000
EEZ Outer Continental Shelf Ocean Bottom Claims	2,200
Alaska Surveys, Current and Tide Data	3,500
MS/LA Digital Coast	
Coastal Environmental Mapping Consortium	1,000
Vessel Time Charter	
River Studies	11,850
ubtotal, Mapping and Charting	750
· ·	94,733
Geodesy	
Geodesy Base	20.205
National Spatial Reference System	20,295
Height Modernization Regional Expansion - NGS Implementation	
Height Modernization Regional Expansion - NC	233
Height Modernization Regional Expansion -CA	933
Height Modernization Regional Expansion -TX	750
Height Modernization Regional Expansion - SC	467
Height Modernization Study - MS	600
Height Modernization Regional Expansion - AL	
Geodetic Survey-WI	1,971
Geodetic Survey-KY	3,000
Geodetic Survey-AZ	500
ibtotal, Geodesy	500
	32,153
Tide & Current Data	
Tide & Current Data Base	10 415
National Water Level Observation Network	18,415
PORTS	2,500
Great Lakes NWLON	1,500
ubtotal, Tide & Current Data	2,000
	24,415
otal, Navigation Services	151,301
	131,301
cean Resources Conservation and Assessment	
Ocean Assessment Program (OAP)	+
Ocean Assessment Program Base	8,290
Coastal Storms	1,250
Cook Inlet Coastal Monitoring and Habitat	
Coastal Services Center	1,000
Pacific Coastal Services Center	23,000
Coastal Change Analysis	4,500
Lake Pontchartrain	500
Louisiana Long Term Estuary Assessment	2,000
CREST	1,000
CKE91	1,000

CI-CORE	7
Aquatic Research Consortium	2,500
Coop Institute for Coastal and Estuarine Enviro Tech (CICEET)	2,500
Hawaii Coral Reef Initiative	6,800
Florida Coral Reef	1,500
Puerto Rico Coral Reef	1,000
Coral Reef Programs	500
National Fish and Wildlife Foundation - NFWF	25,000
Ocean Health Initiative	700
	5,000
White Water to Blue Water Ecosystem Maritime Center of the Gulf	1,000
	2,000
Lake Erie Monitoring	500
Subtotal, Ocean Assessment Program (OAP)	91,540
Integrated Ocean Observing System	
Integrated Ocean Observing System NOAA ICOOS	
	7,500
NOAA/UNH Joint Ocean Observing Technology Center	2,000
Alaska Ocean Observing System	1,700
Gulf of Maine Observing System Long Island Sound Observing System	500
Bong Island Goding Observing System	1,000
Central Gulf of Mexico Observing System	2,000
So Cal Coastal Ocean Observing System (Scripps)	1,500
Alliance for Coastal Technologies	3,000
Center for Coastal Ocean Observation and Analysis	2,500
UNCW Coastal Ocean Research and Monitoring	500
Wallops Ocean Observation Project	2,000
Oregon Ocean Observing	500
Center for Integrated Marine Technology CARO-COOPs	2,050
	2,050
SURA Coastal Ocean Observing System Subtotal, Ocean Observing System	2,500
Subtotal, Ocean Observing System	31,300
Response and Restoration	-
Response and Restoration Base	10,600
Estuary Restoration Program	1,200
Damage Assessment Program	3,000
Mitigating Coastal Development Impacts	
Marine Debris	1,000
Marine Debris Removal - Alaska	4,000 1,250
Center for Marine Spill Response	3,000
Pribilof Islands Cleanup and Economic Development	
Aquatic Resources	7,000
Vieques	4,500
Marine Wildlife Noise Impact	1,000
Subtotal, Response and Restoration	37.050
	37,050
National Centers for Coastal Ocean Science (NCCOS)	
NCCOS Headquarters	5,000
Extramural Research	5,000
Center for Coastal Environmental Health & Bimolecular Rsch	10,000
Oxford Cooperative Lab	15,000
Ctr for Coastal Fisheries Habitat Research	4,500
Center for Coastal Monitoring & Assessment	6,004
Center for Sponsored Coastal Ocean Research	5,735
Marine Env Health Research Lab - MEHRL	3,700
Marine Lity Headin Nessaich Lau - METIKL	4,000

Subtotal, NCCOS	53,939
Total, Ocean Resources Conserv. & Assess.	213,829
Ocean and Coastal Management	
Coastal Management	
CZM Grants	67,000
CZM Program Administration	6,700
National Estuarine Research Reserve System	16,400
Baldwin Educational Program	1,000
Marine Protected Areas	1,500
Nonpoint Pollution	3,000
Subtotal, Coastal Management	95,600
Ocean Management	
Marine Sanctuary Program	
Marine Sanctuary Program Base	35,651
Northeast Hawaiian Islands Rsrch / HI Institute of Marine Biology	2,250
Northwest Straits Citizens Advisory Commission	1,400
Subtotal, Ocean Management	39,301
Fotal, Ocean and Coastal Management	134,901
FOTAL, NOAA National Ocean Service - ORF	500,031

NOAA NATIONAL MARINE FISHERIES SERVICE	FY 2006
Operations, Research, and Facilities	Conference
(\$ in Thousands)	Agreement
Marine Mammals, Marine Turtles, and Marine Protected Species (Protected Species)	
Protected Resources Research & Management Programs	26.100
Mammals	26,100
Marine Mammal Protection (MMP)/NMFS Activities	
Marine Mammal Initiative	8,000
North Pacific Fixed Gear Research	5,000
Prescott Grant Program	150
MS Center for Marine Education and Research	4,000
Shedd Center for the Great Lakes	5,000
Alaska Native Marine Mammal Co-management: Harbour Seals	250
Whales	150
North Pacific Southern Resident Orca Population (PSM)	
Recovery of Endangered Large Whales	1,500
Right Whale Activities (ESA)	500
Right Whale: Cooperative State Plans	6,313
Dolphins	1,500
Bottlenose Dolphins	
Bottlenose Dolphins: Institute for Marine Mammal Studies	2,000
Dolphin Encirclement	2,500
Dolphins/Yellowfin Tuna Research	2,000
Seals and Sea Lions	235
Hawaiian Monk Seals	
Alaska Seals & Sea Lions: Endangered Species Act	825
Subtotal, Mammals	850
	40,773
Sea Turtles & Other Protected Species	
Endangerd Species Act	5,176
Hawaiian Sea Turtles	7,800
Rancho Nuevo Sea Turtles	
Southeastern Sea Turtles	350
Endangered Species Act - Fish, Crustaceans, Mollusks	5,000
Subtotal, Sea Turtles & Other Protected Species	18,626
Salmon	10,020
Atlantic Salmon	4,435
	7,433
Pacific Salmon:	
Protected Species Activities	
ESA Recovery and Research	41,527
Endangered Species Act - Columbia River Biological Opinion (BIOP) Implementation	15,100
Western Alaska Salmon Stock Identification	200
Endangered Species Studies	300
Subtotal, Pacific Salmon:	57,127
Total, Marine Mammals, Marine Turtles, and Marine Protected Species (Protected Species)	147,061
isheries Research and Management	147,001
Core Fisheries Programs	† — — — — — — — — — — — — — — — — — — —
Fisheries Research and Management Programs	125,000
Economics & Social Sciences Research	4,100
Fisheries Statistics	12,771
Fisheries Oceanography	500

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Interjurisdictional Fisheries Grants	2,59
National Standard 8	1,00
Reduce Fishing Impacts on Essential Fish Habitat (EFH)	50
Anadromous Grants	
Product Quality and Safety	2,00
Subtotal, Core Fisheries Programs	6,72
	155,185
Expand Annual Stock Assessments - Improve Data Collection	23,89
Salmon Management Activities	
Columbia River Hatcheries	16 700
Columbia River Hatchery Reform	16,522
Pacific Salmon Treaty	500
Chinook Salmon Management	7,000
Chinook SalmonResearch at Auke Bay	150
Subtotal, Salmon Management Activities	300
	24,472
Regional Councils and Fisheries Commissions	
Regional Councils	15,000
International Fisheries Commissions	400
Interstate Fish Commissions: 3 Commissions	750
Interstate Fish Commissions: Atlantic Cooperative Management	9,250
Subtotal, Regional Councils and Fisheries Commissions	25,400
Fish Information Networks:	
Atlantic States Marine Fisheries Commission	
Alaska Fisheries Information Network (AKFIN)	2,000
Pacific Coastal Fisheries Information Network (PACFIN)	3,200
Recreational Fishery Information Networkk (RECFIN)	3,500
RECFIN - SC	3,445
Marine Fisheries Initiative (MARFIN)	250
Gulf Fisheries Information Network (GULF FIN)	2,400
National Fisheries Information System	4,250
Cal-COFI	2,500
Subtotal, Fish Information Networks:	900
	22,445
Survey and Monitoring Projects:	
Bluefish/Striped Bass	692
Bluefish/Striped Bass: Chesapeake Bay	700
Bluefish/Striped Bass: Rutgers	790
Gulf of Maine Groundfish Survey	519
New England Stock Depletion	902
Red Snapper Monitoring and Research	5,000
West Coast Groundfish	4,800
Alaskan Groundfish Surveys: Calibration Studies	240
Atlantic Herring and Mackerel	198
Chesapeake Bay Multi-Species Management	500
Management of George's Bank	441
Virginia Trawl Survey	500
Highly Migratory Sharks	1,500
Subtotal, Survey and Monitoring Projects:	16,782
Other fisheries-related projects	
Reducing Bycatch	2,800
Reducing Bycatch Hawaii Fisheries Development	750

Hawaii Stock Enhancement Program (Oceanic Institute)	500
Large Pelagics Research Program	3,000
Scallop Fishery Assessment (MFI)	1,800
Southern Shrimp Industry Fishing Effort Research	2,300
NAIB Conservation and Education Programs	1,200
Narragansett Bay Window Program	200
OREHP	
Horseshoe Crab Research	500
Subtotal, Other fisheries-related projects:	550
	18,100
Total, Fish Research and Management	286,281
Enforcement & Observers:	
Enforcement & Surveillance:	
Driftnet Act Implementation	1,200
NMFS Activities (Science & Technology Driftnet Act)	1,692
Enforcement & Surveillance	22,000
Cooperative Agreements w/ States	16,000
Vessel Monitoring System	9,300
Subtotal, Enforcement	50,192
	30,192
Observers/Training	
Atlantic Coast Observers	3,348
East Coast Observers	350
Hawaii Longline Observer Program	4,000
N. Pacific Marine Resources Observers/N.Pacific Observer Program	1,500
NE Groundfish Court-Ordered Observers	5,500
National Observer Program	3,000
S. Atlantic/Gulf Shrimp Observers	800
West Coast Observers	5,000
Subtotal, Observers/Training	23,498
Total, Enforcement and Observers	73,690
Habitat Conservation & Restoration	70,070
Habitat Conservation & Restoration	
Sustainable Habitat Management	
Habitat Conservation	15,000
Blue Crab Advanced Research Consortium	5,000
Non-Native Oyster Chesapeake Bay Program - VA	2,000
Refine EFH Designations	100
Subtotal, Sustainable Habitat Management	22,100
Fisheries Habitat Restoration	
Connecticut River Partnership	400
Community-Based Restoration Grants	13,000
Mobile Bay Oyster Recovery	2,500
Oyster Restoration (Chesapeake - VIMS)	2,000
Chesapeake Bay Oyster Restoration (MD)	4,000
Lower Elwha River Habitat Restoration	280
Merrimack River fish habitat/land conservation	500
Atlantic Salmon/Penobscot River Habitat Restoration	500
Pinellas County Environmental Foundation	1,000
Bronx River Restoration	1,000
Subtotal, Habitat Restoration	25,180
	25,130
Total, Habitat Conservation & Restoration	47,280

Cooperative Research: Cooperative Research - North Pacific Research Board National Cooperative Research NE Cooperative Research New England Lobster Fishery Research Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects: Consortium for Fisheries & Wildlife Conflict Resolution (UNH/NEA/VIMS)	2,00 2,75 3,75 3,00 5,00 3,00 19,50 1,460 3,500 1,500 2,000
Cooperative Research: Cooperative Research - North Pacific Research Board National Cooperative Research NE Cooperative Research New England Lobster Fishery Research Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs	2,75 3,75 3,00 5,00 3,00 19,50 1,460 3,500 1,500 2,000
Cooperative Research - North Pacific Research Board National Cooperative Research NE Cooperative Research New England Lobster Fishery Research Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	2,75 3,75 3,00 5,00 3,00 19,50 1,46 3,500 1,500 2,000
National Cooperative Research NE Cooperative Research New England Lobster Fishery Research Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs	2,75 3,75 3,00 5,00 3,00 19,50 1,46 3,500 1,500 2,000
National Cooperative Research NE Cooperative Research New England Lobster Fishery Research Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs	2,75 3,75 3,00 5,00 3,00 19,50 1,460 3,500 1,500 2,000
New England Lobster Fishery Research Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs	3,75 3,00 5,00 3,00 19,50 1,46 3,500 1,500 2,000
Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	3,00 5,00 3,00 19,50 1,46 3,500 1,500 2,000
Northeast Consortium SE Cooperative Research Subtotal, Cooperative Research: Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	5,00 3,00 19,50 1,460 3,500 1,500 2,000
Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	3,00 19,50 1,46 3,50 1,500 2,000
Other Programs Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	1,466 3,500 1,500 2,000
Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	1,460 3,500 1,500 2,000
Antarctic Research Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	3,500 1,500 2,000
Chesapeake Bay Studies Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	3,500 1,500 2,000
Climate Regimes & Ecosystem Productivity Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	3,500 1,500 2,000
Computer Hardware and Software Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	1,500 2,000
Information Analyses & Dissemination Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	2,000
Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap) National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	
National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	17,704
National Environmental Policy Act (NEPA) NMFS Facilities Maintenance Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	850
Southeast Area Monitoring & Assessment Program (SEAMAP) Subtotal, Other Programs Other projects:	8,000
Subtotal, Other Programs Other projects:	4,000
Subtotal, Other Programs Other projects:	1,385
	40,407
	40,407
Consortium for Fisheries & Wildlife Conflict Resolution (INILIANTE A ALD 45)	
The second of th	400
Joint Institute for Marine and Atmospheric Research (IIMAR) HI	2,500
New England Multi-Species Survey (SMAST)	3,000
Science Consortium on Ocean Research (SCORE) - FL	350
Pacific Island Regional Office/Pacific Islands Fisheries Science Center	5,000
AK Community Development Program	2,000
Subtotal, Other projects:	13,250
obtotal, Other Activities Supporting Fisheries	
	73,157
otal, NOAA National Marine Fisheries Service - ORF	678,469

NOAA OCEANIC AND ATMOSPHERIC RESEARCH	FY 2006
Operations, Research, and Facilities	Conference
(\$ in Thousands)	Agreement
Climate Research	
Laboratories & Joint Institutes	49,717
Climate Observations & Services	98,299
Other Partnership Programs	
Arctic Research Program (SEARCH)	3,000
East Tennessee Ozone Study	300
Univ of AL Huntsville Climate Research	1,000
Drought Research Study	1,000
Coastal Vulnerability to Climate Change	1,500
Center for Urban Environmental Research	1,000
Advanced Study Institute for Environmental Prediction	1,500
Abrupt Climate Change Research	250
Climate Systems Research Center	750
Subtotal, Other Partnership Programs	
	10,300
Total, Climate Research	158,316
	100,010
Weather & Air Quality Research	
Laboratories & Joint Institutes	37,777
Weather & Air Quality Research Programs	
Targeted Wind Sensing	
Coordinate NASA NOAA Severe Storm R&D	2,000
Tornado Severe Storm Research / Phased Arrary Radar	2,000
Subtotal, Weather & Air Quality Research Programs	4,000 8,000
	0,000
Other Partnership Programs	
Central CA Air Quality Study	375
Great Plains Center for Atmosphere and Human Health	1,000
Urbanet	6,000
New England Air Quality Study	3,000
NE Center for Atmospheric Science and Policy	1,500
AIRMAP	5,000
High Altitude Air Study	350
Risk Reduction in Weather Forecasts	2,000
Reducing Wind-Induced Damages from Storms	1,000
Remote Sensing Research (ISU/BCAL)	500
STORM (U. of N. Iowa)	650
Subtotal, Other Partnership Programs	21,375
Total, Weather & Air Quality Research	
Zunity Mestal Cii	67,152
Ocean, Coastal, and Great Lakes Research	
Laboratories & Joint Institutes	23,073
National Sea Creat Caller B	
National Sea Grant College Program	
National Sea Grant College Program Base	50,000
Fish Extension	1,500
Aquatic Nuisance Species/Zebra Mussel Research	1,000

Total, NOAA Oceanic and Atmospheric Research - ORF	373,713
	6,500
High Performance Computing Initiatives	6 500
Total, Integrated Ocean Observing System	10,300
ARGO	10,300
Integrated Ocean Observing System	
County County and Great Lanes Research	131,445
Total, Ocean, Coastal, and Great Lakes Research	434 4
Subtotal, Other Partnership Programs	8,400
Bio-screening Technology for Imported Seafood	1,000
Center for the Environment	800
Lake Champlain Research Consortium	350
Lake Champlain Emerging Threats	500
Gulf of Maine Council	750
Urban Coastal Institute	500
Atmospheric Dispersion Forecasting	1,500
Arctic Research	3,000
Partnership Programs	
Subtotal, Aquaculture	8,622
West Alabama Shrimp Aquaculture Program	500
Center for Aquaculture Development	1,000
Pacific Tropical Ornamental Aquaculture	500
Atlantic Marine Aquaculture Center (CINEMAR)	2,000
Marine Aquaculture Program	4,622
Aquaculture	
	12,250
Subtotal, Invasive Species Programs	12,250
Aquatic Ecosystem Canaan Valley Institute	6,000
Aquatic Invasive Species Program	1,000
HI Micronesia Invasive Species Program	500
Invasive Milfoil	250
NISA/Alaska	1,500
NISA/Ballast Water Demonstrations	3,000
Invasive Species Programs	
	23,600
Subtotal, Exploration and Undersea Research	
Exploration Autonomous Underwater Vehicle	13,830
Ocean Exploration	13,850
National Institute for Undersea Science and Technology	5,00
National Undersea Research Program (NURP)	4,25
Exploration and Undersea Research	
	33,30
Subtotal, National Sea Grant College Program	55,50
Oyster Disease Research	1,00
National Sea Grant Law Center	
Gulf of Mexico Oyster Initiative	1,00

NOAA NATIONAL WEATHER SERVICE	FY 2006
Operations, Research, and Facilities	Conference
(\$ in Thousands)	Agreement
Observations, Forecasts, and Communications	
The state of the s	
Local Warnings and Forecasts	
Local Warnings and Forecasts Base	524,830
Tsunami Hazard Mitigation (moved from OAR)	2,291
Tsunami Warning & Environmental Obs for AK (TWEAK)	2,000
Strengthen U.S. Tsunami Warning Network	6,100
Air Quality Forecasting	3,000
Shenandoah Air Quality Forecasting	1,750
Sustain Cooperative Observer Network	1,000
Coastal & Inland Hurricane Monitoring & Prediction Program	1,500
Coastal Weather Monitoring for Catastrophic Events	475
Susquehanna River Basin Flood System	2,000
NOAA Profiler Network	2,900
Pacific Island Compact	3,500
Space Environment Center	4,000
USWRP - US Weather Research Program - THORPEX	5,000
Western Kentucky Environmental Monitoring Network	1,500
Vermont Northeast Weather & Wind Data Integration	220
Hurricane Mitigation Alliance	2,100
Subtotal, Local Warnings and Forecasts	564,166
	201,100
Integrated Ocean Observing System	
National Data Buoy Center	23,240
Sea Level Monitoring & Tide Gage Network	240
TAU & PIRATA Arrays	3,000
Subtotal, Integrated Ocean Observing System	26,480
Operations and Research	
Advanced Hydrological Prediction Services	
Aviation Weather	5,000
WFO Maintenance	3,500
Central Forecast Guidance	7,390
National Hurricane Center	44,092
	5,800
Subtotal, Operations and Research	65,782
W	
Weather Radio & Communications	
Weather Radio Transmitters Base	2,320
NOAA Weather Radio Transmitters - MS	200
NOAA Weather Radio Receivers - AL	50
Subtotal, Weather Radio Transmitters	2,570
otal, Observations, Forecasts, and Communications	658,998
ystems Operation & Maintenance	86,252
	60,232
otal, NOAA National Weather Service - ORF	745,250

NOAA NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE	FY 2006
Operations, Research, and Facilities	Conference
(\$ in Thousands)	Agreement
Environmental Satellite Observing Systems	
Satellite Command and Control base	
NSOF Operations	37,01
Product Processing and Distribution	7,58
	27,62
Product Development, Readiness & Application	17,22
Product Development, Readiness & Application (Ocean Remote Sensing)	3,980
Joint Center/Accelerate Use of Satellites	3,29
Research to Ops/NOAA-NASA Partnerships	4,000
Global Wind Demo	3,700
Commercial Remote Sensing Licensing & Enforcement	1,244
Remote Sensing Center	2,000
Office of Space Commercialization	600
Total, Environmental Satellite Observing Systems	108,259
	100,23
NOAA's Data Centers & Information Services	 -
Archive, Access & Assessment	
Archive, Access & Assessment	25,218
MD :	5,500
KY	
WV	7,800
Subtotal, Archive, Access & Assessment	7,800
	46,318
Data & Climate Centers	
Coastal Data Development	4.576
Regional Climate Centers	4,576
International Pacific Research Center (U of H)	3,000
Integrated Environmental Applications & Information Center	2,000
Environmental Data Systems Modernization	3,000
National Climatic Data Center	9,384
Subtotal, Data & Climate Centers	2,800
	24,760
otal, NOAA's Data Centers & Information Services	71,078
otal, NOAA National Environmental Satellite, Data and Information Service - ORF	179,337

NOAA WIDE PROGRAM SUPPORT	FY 2006
Operations, Research and Facilities	Conference
(\$ in Thousands)	Agreement
Corporate Services	179,036
NOAA Education Program	
NOAA Education Program / Education Initiative	6,371
JASON Education and Outreach	2,500
BWET Chesapeake Bay	3,500
BWET Hawaii	1,500
BWET California	2,000
Educational Partnership Program/Minority Serving Institutions (EPPMSI)	14,400
Hawaii Humpback Education Program	1,750
Gulf Coast Exploreum	1,000
Narragansett Bay Marine Education (Save the Bay)	500
Chesapeake Bay Interpretive Buoys	500
Total, NOAA Education Program	34,021
Facilities	11,000
Marine Operations & Maintenance	
Aircraft Services	18,625
Marine Data Acquisition	95,065
Future Healthcare Benefits for Current Officers	2,012
OE and NOAA Corps Pay Differential	1,500
Fleet Planning and Maintenance	15,163
Total, Office of Marine & Aviation Operations	132,365
Total, NOAA Wide Program Support - ORF	356,422

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NOAA PROCUREMENT, ACQUISITION AND CONSTRUCTION	FY 2006
(\$ in Thousands)	Conference
NOAA National Ocean Service	Agreement
Coastal and Estuarine Land Conservation Program	
Coastal Ecosystems (Mobile & Baldwin)	
Orange Beach	5,000
Moose Mountain	800
Newfields	1,000
Winnicut Headwaters	2,000 1,500
Twelve Oaks	900
Pond Brook	1,350
Grand River Big Bend	310
Eastern Shore	550
Jamestown	2,000
Sowams Property	1,000
Ferolbink Farm	500
Maquoit Bay	550
South Carolina Coastal Initiative	1,500
Babcock Ranch	3,000
Chesapeake Bay	4,000
Blackbird Creek Reserve	1,500
Tuniper's Pond	500
Detroit Riverfront West	3,000
Potter Creek/Otis Bogs	500
Piedras Blancas	500
Herring River	500
Elmer's Island	250
Tchefuncte Marsh Webster Woods	200
Commencement Bay	750
Armand Bayou	1,550
Common Pasture	350
Hidalgo Park	250
Brays Bayou	350
Maumee River Basin	1,500
Oswegatchie Hills	887
Subtotal, Coastal and Estuarine Land Conservation Program	38,947
	36,747
NERRS Acquisition/Construction:	
National Estuarine Research Reserve Construction & Land Acquisition	5,000
Texas NERR	4,435
Subtotal, NERRS Acquisition/Construction	9,435
Section 2 (FWCA)	
Great Bay Partnership	6,000
Village Point Park Preserve	1,000
Subtotal, Section 2 (FWCA)	7,000
M. C.	
Marine Sanctuaries Construction/Acquisition	
Channel Islands National Marine Sanctuary	3,000
Thunder Bay National Marine Sanctuary Exhibit Flower Garden Banks Patrol Craft	1,000
Small Boats	3,200
	5,000
Monterey Bay Gulf of Farralones	1,500
Subtotal, Marine Sanctuary Construction/Acquisition	2,500
Subtotal, traine Sauctuary Construction/Acquisition	16,200

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Other NOS Construction/Acquisition	
Gulf Coast Marine Aquaculture Laboratory	6,000
Down East Institute For Marine Research	1,000
Center for Aquatic Resource Management	6,000
Pascagoula River Basin Estuarine Center	1,500
Oxford Cooperative Lab	1,500
Conservation Institute	5,000
Subtotal, Other NOS Construction/Acquisition	21,000
Total NOAA National Ocean Service - PAC	92,582
NOAA National Marine Fisheries Service	
Systems Acquisition/Construction	
Pascagoula Improvements	2,000
Center for Ecosystem-Based Fisheries Management	5,000
Barrow Arctic Research Center	6,000
Aquatic Resources	4,500
Total, NOAA National Marine Fisheries Service - PAC	17,500
NOAA Oceanic and Atmospheric Research	
Systems Acquisition/Construction	
Research Supercomputing/ CCRI	9,500
Total, NOAA Oceanic and Atmospheric Research - PAC	9,500
NOAA National Weather Service	(0.947
NWS Systems Acquisition	69,847
Construction	
WFO Construction	13,600
NOAA Center for Weather & Climate Prediction (NCEP)	8,530
Subtotal, NWS Construction	22,130
Total, NOAA National Weather Service - PAC	91,977
NOAA National Environmental Satellite, Data and Information Service	
Systems Acquisition & Construction	
Geostationary Systems (GOES)	340,000
Polar Orbiting Systems - POES	102,673
Polar Orbiting Systems - NPOESS	320,998
EOS & Advanced Polar Data Processing, Distribution & Archiving Systems	3,000
CIP - single point of failure	2,837
Comprehensive Large Array Data Stewardship Sys (CLASS)	9,000
NPOESS Preparatory Data Exploitation	4,500
Satellite CDA Facility	2,280
Total, NOAA National Environmental Satellite, Data and Information Service - PAC	785,288
NOAA Wide Program Support	
Integrated Ocean Observing System	0.000
NOAA ICOOS Observing Systems (NOS) Convert NOAA Weether Power with NDPC (NOS)	9,000
Convert NOAA Weather Bouys with NDBC (NOS)	
Coastal Global Ocean Observing System (NWS)	1,497
Strengthen U.S. Tsunami Warning Network	3,480
Subtotal, Integrated Ocean Observing System	17,977
Construction	
NOAA Pacific Regional Center	20,000
Construction	27,000
Subtotal, Construction	47,000

OMAO Fleet Replacement	4.00
Small Waterplane Area Twin Hull Vessel (SWATH)	4,00
Upgrades: NANCY FOSTER /OSCAR DYSON/HI'IALAKAI/FAIRWEATHER	3,25
Fisheries Survey Vessel Replacement #2	2,50
Fisheries Survey Vessel #3	5,50
Fisheries Survey Vessel #4	44,20
AUV Sensors	3,00
Subtotal, OMAO Fleet Replacement	62,45
tal, NOAA Wide Program Support - PAC	127,43